DEPARTMENT OF THE NAVY
NAVAL AIR SYSTEMS COMMAND
NAVAL AIR SYSTEMS COMMAND HEADQUARTERS
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IN REPLY REFER TO

NAVAIRINST 13800.14A
AIR-6.D
4 Nov 94

NAVAIR INSTRUCTION 13800.14A

From: Commander, Naval Air Systems Command

Subj: PROCEDURES FOR NAVAL AVIATION DEPOT VOYAGE REPAIR TEAMS

Ref: (a) NAVAIRINST 5451.70D, Mission, Functions, and Tasks of the Naval Air Rework Facilities
(b) OPNAVINST 4790.2E, Naval Aviation Maintenance Program, Volume IV, CH-2, 1 July 1991, Paragraph 4.4
(c) OPNAVINST 4790.15A, The Aircraft Launch and Recovery Equipment Maintenance Program

1. Purpose. To delineate the mission and task of the Voyage Repair Team (VRT) established under reference (a) for Naval Aviation Depots (NAVAVNDEPOTs) at Jacksonville and North Island.

2. Cancellation. Naval Air Systems Command Instruction 13800.14.

3. Background. A VRT is a small group of highly trained NAVAVNDEPOT shipyard marine trade journeymen, planners, and engineers experienced in depot level maintenance and repair of Aircraft Launch and Recovery Equipment (ALRE), Visual Landing Aids (VLA) equipment, and air capable ship aeronautical equipment. VRT operations are a joint endeavor involving the NAVAVNDEPOTs at Jacksonville and North Island, and those commands and field activities which interface with them: Commander, Naval Air Systems Command(COMNAVAIRSYSCOM); Commander, Naval Sea Systems Command(COMNAVSEASYSCOM); Commander, Naval Air Force, U.S. Atlantic and Pacific Fleets(COMNAVAIRLANT and COMNAVAIRPAC); Commander, Naval Surface Force, U.S. Atlantic and Pacific Fleets (COMNAVSURFLANT and COMNAVSURFPAC); and the Naval Air Warfare Center Aircraft Division, Aircraft Platform Interface Group, Lakehurst, New Jersey (NAVAIRWARCENACDIV API Group).

4. Responsibilities. NAVAVNDEPOT VRT personnel are responsible for the performance of scheduled and unscheduled maintenance, overhaul, repair, replacement, installation, and modification efforts requiring depot level skills in direct support of COMNAVAIRSYSCOM ALRE, VLA equipment, and air capable ship aeronautical equipment installations at both shipboard and shore-based locations worldwide.

5. Organization. Reference (a) identifies the missions and functions assigned to the NAVAVNDEPOTs. It also describes the parameters under which the NAVAVNDEPOTs are chartered to function:

a. The VRT shops are an integral part of NAVAVNDEPOTs Jacksonville and North Island and are identified as part of the NAVAVNDEPOT organizational structure.

b. The VRT must be organized in such a way as to provide for the clear identification and tracking of workload within the VRT:

(1) The VRT shops shall have separate production cost centers.

(2) Each VRT shall have a comprehensive workload scheduling and tracking system capable of identifying all costs associated with a specific job. The VRT shall provide monthly cost and schedule status reports covering assigned workload to the tasking activities.

(3) A single point of contact shall be identified within each VRT who is authorized to accept workload for the VRT in order to prevent over scheduling of available resources.

c. The VRT will consist of dedicated marine trade workers/journeymen, planners/estimators, and engineers:

(1) Marine trade workers/journeymen team members accomplish maintenance, overhaul, repair, replacement, installation, and modification of ALRE. Marine trade team members must be cross-trained and capable of functioning effectively in two or more trades. Each tradesman must be at the journeyman level, or in a documented career path training program towards journeyman level, and qualified through the artisan Product Certification Program, per reference (b), to perform rework and repair processes established by the NAVAIRWARCENACDIV API GROUP on ALRE systems and subsystems. Artisans are responsible for the quality of all work performed.

(2) VRT planners/estimators are responsible for planning, pricing, and scheduling VRT resources. Planners/estimators must be experienced in a wide range of ALRE maintenance, overhaul, repair, replacement, installation, and modification procedures and have completed a comprehensive training program in planning and estimating techniques. VRT planners will be assigned to work with and in direct response to Carrier and Field Service Unit (CAFSU), and Aeronautical Ship Installations Representative (ASIR) or other designated customer representatives.

(3) Engineers provide on site support to the marine trade team members. They identify problem areas, develop alternate design solutions, tailor design approaches, and interface with cognizant engineering for ALRE/VLA in NAVAIRWARCENCDIV API GROUP where significant departures from previous approaches are required. Engineers must be knowledgeable in mechanical, electrical/electronic, hydraulic and/or structural engineering disciplines; with specific experience in the application of these disciplines to ALRE equipment and installations.

d. Each VRT shall be provided with access to all industrial support and services necessary to execute its mission.

e. All VRT personnel are directly responsible to the Commanding Officer of their respective NAVAVNDEPOT via chain of command.

f. The VRT shall comply with the requirements of reference (c), including the ALRE Installed/Discrepant Parts List program.

6. Action.

a. COMNAVAIRSYSCOM (PMA-251). As requiring Program Manager, provides overall policy, priorities, and program requirements for the VRT as an integral part of the life cycle support of aircraft launch and recovery equipment and installations. When necessary, PMA-251 will adjudicate workload conflicts to achieve program objectives.

b. NAVAVNDEPOTs. The designated NAVAVNDEPOTs will perform the following functions in support of COMNAVAIRSYSCOM, Aviation Supply Office (ASO), Ships Parts Control Center (SPCC), and COMNAVAIRLANT, COMNAVAIRPAC, COMNAVSURFLANT, and COMNAVSURFPAC requirements:

(1) Consolidate Type Commanders (TYCOMs), ASO, SPCC, and special project workload, and allocate personnel and resources to accomplish requirements.

(2) Provide VRT personnel and facilities in support of COMNAVAIRSYSCOM ALRE, VLA equipment, and air capable ship aeronautical equipment at shipboard and shore-based locations in any geographical area in which the Navy operates. Routine VRT workloading will be accomplished through direct liaison between the TYCOMs and NAVAVNDEPOT, as long as the tasks do not exceed the manhours allocated by the COMNAVAIRSYSCOM for this specific type of work. COMNAVAIRSYSCOM assistance and authorization must be obtained for all instances where significant workload surges

require the commitment of VRT resources beyond the normal scope of established workload requirements. NAVAVNDEPOT VRT services include, but are not limited to: production support; rapid response to consolidated casualty reporting system reports; and underway maintenance and repairs to equipment and components beyond the capabilities of assigned fleet shipboard and shore-based personnel.

(3) Provide, in accordance with good business/production practice, regional work centers (plants, equipment, personnel, etc.) at any geographical location/base where a heavy concentration of shipboard work justifies such a facility.

(4) Provide for the installation, overhaul, repair, and modification of COMNAVAIRSYSCOM Shipboard ALRE, VLA equipment, and air capable ship aeronautical equipment at both shipboard and shore-based locations as required by COMNAVAIRLANT, COMNAVAIRPAC, COMNAVSURFLANT, and COMNAVSURFPAC.

(5) Provide for the overhaul, repair, and modification of cognizant material and equipment in the custody of both the ALRE section of the Aviation Support Branch, ASO, COMNAVSEASYSCOM, and SPCC.

(6) Provide for depot level maintenance on COMNAVAIRSYSCOM shore-based ALRE and VLA equipment.

(7) Provide for the installation of ALRE, VLA equipment, and air capable ship aeronautical equipment service change kits held under TYCOM control.

(8) Provide support for special projects in the PMA-251 area of concern.

(9) Work closely with COMNAVAIRSYSCOM, Naval Aviation Depot Operations Center, and the four fleet TYCOMs to ensure program requirements and commitments are being accomplished as required and within the overall COMNAVAIRSYSCOM corporate goals and objectives.

c. TYCOMs: To ensure the smooth operations of subject program, COMNAVAIRLANT, COMNAVSURFLANT, COMNAVAIRPAC, and COMNAVSURFPAC have agreed to:

(1) Develop their individual VRT manhour requirements, schedules, and priorities in consonance with NAVAVNDEPOT funding parameters.

(2) Conduct quarterly VRT Field Team workload scheduling conferences with the respective NAVAVNDEPOT on each coast to mutually identify priorities, and consolidate all VRT requirements to ensure accomplishment of their respective objectives and ensure optimum utilization of VRT manpower assets. Requirements will include a mutually agreed to contingency reserve for emergent requirements. All 7R cognizant components will be scheduled through the ASO level schedule conference to meet all fleet requirement. Emergent workload that surfaces between quarterly component review conferences will be handled as a B08 repair action following the established B08 process.

(3) Promulgate the consolidated VRT manhour requirements, schedules, and priorities of the air and surface force requirements.

(4) Manage their respective normal and routine workload in accordance with authorized allocations.

(5) Manage and allocate the contingency reserve. The reserve will be utilized to clear casualty reports in deployed/deploying ships, and will implement interim service bulletins and otherwise perform work impacting immediate operational requirements.

(6) Exercise administrative and logistic control of specialized support equipment (dead loads, gantries, etc.) under their cognizance via NAVAIRWARCENACDIV API GROUP field service personnel, CAFSU, and ASIR.

d. ASO/SPCC. Identify annual workload requirements and provide appropriate tasking and funding for the overhaul, repair, and modification of COMNAVAIRSYSCOM cognizant aircraft launch and recovery equipment material in the custody of the ALRE section of the Aviation Support Branch, ASO, and in the COMNAVSEASYSCOM/ COMNAVAIRSYSCOM Systems Inventory Management Branch at SPCC. All 7R cognizant components will be scheduled either through level schedule or the B08 process depending on component dollar value and supply status. All level schedule items will be scheduled through the Level Schedule Conference to the NAVAVNDEPOTs on a semi-annual basis. All emergent requirements will be reviewed throughout the year at a minimum on a quarterly basis. All B08 items will be scheduled for repair into the NAVAVNDEPOT weekly on an automatic basis. All emergent requirement will be handled by an override.

e. NAVAIRWARCENACDIV API GROUP. As directed by COMNAVAIRSYSCOM, will provide technical services and guidance to NAVAVNDEPOT VRTs. When authorized by the cognizant TYCOM,

NAVAIRWARCENACDIV API GROUP CAFSU and ASIR personnel may act as the TYCOMs on-site representative with authority to direct execution of allocated workload. NAVAIRWARCENACDIV API GROUP will certify systems after overhaul when required, in accordance with established procedures.

7. Review. Assistant Commander of Industrial Capabilities (AIR-6.0) shall review annually the content herein and provide recommendations for changes and deletions to the Commander.

W. C. BOWES

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